

Application No. 09/603,812

1 2. The implant as set forth in claim 1 wherein each of the energy storage means
2 comprises a buffer capacitor.

1 3. The implant as set forth in claim 2 wherein the buffer capacitor for the
2 telemetry transmitter and the buffer capacitor for the telemetry receiver are of different sizes.

1 4. The implant as set forth in claim 2 wherein the buffer capacitors are designed
2 to be charged up either together or individually.

1 5. The implant as set forth in claim 2 wherein the buffer capacitor for the
2 telemetry transmitter is charged up immediately prior to a transmission procedure and the
3 buffer capacitor for the telemetry receiver is charged up immediately prior to a reception
4 procedure.

1 6. The implant as set forth in claim 1 wherein the energy storage means for the
2 telemetry transmitter is further connected to the telemetry receiver such that said energy
3 storage means for the telemetry transmitter further operates as a reserve energy storage
4 means for the telemetry receiver.

1 7. The implant as set forth in claim 1 wherein the energy storage means for the
2 telemetry receiver is further connected to the telemetry transmitter such that said energy
3 storage means for the telemetry receiver further operates as a reserve energy storage means
4 for the telemetry transmitter.

1 8. The implant as set forth in claim 1 wherein the energy storage means for the
2 telemetry receiver and the energy storage means for the telemetry transmitter are connected
3 either in parallel or in series with each other.

1 10. The implant as set forth in claim 1 wherein the electromedical device is selected
2 from the group consisting of: a cardiac pacemaker, a defibrillator, and a cardioverter.

1 11. (Twice Amended) A cardiac pacemaker implant capable of exchanging data with
2 an external apparatus comprising a telemetry device and a plurality of energy storage devices,
3 wherein the telemetry device comprises a telemetry transmitter and a telemetry receiver,
4 wherein the telemetry transmitter is connected to one of the energy storage devices for
5 transmitting data, and the telemetry receiver is connected to a separate one of the energy
6 storage devices for receiving data.

1 12. (Twice Amended) An electromedical implant capable of exchanging data with
2 an external apparatus, the implant comprising a telemetry device for the exchange of data
3 with such external apparatus and at least two energy storage devices, wherein the telemetry
4 device comprises a telemetry transmitter and a telemetry receiver, and wherein the telemetry
5 transmitter is connected to one of the at least two energy storage devices for transmitting
6 data, and the telemetry receiver is connected to a separate one of the at least two energy
7 storage devices for receiving data.

REMARKS

Claims 1 to 8 and 10 to 12 are pending in this application. Claims 1, 11 and 12 have been amended. In addition, subsequent to our May 3, 2002, Preliminary Amendment, Applicants filed a Supplemental Preliminary Amendment on June 7, 2002 that was not acknowledged by the Examiner in his July 23, 2002, Office Action. Accordingly, Applicants attach with this Response the June 7, 2002 Supplement Preliminary Amendment, and reproduce the currently pending claims as of the June 7, 2002, amendment.

Attached hereto is a marked up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version with markings to show changes made.**" Applicants respectfully request that the foregoing amendment be entered and reconsideration and allowance of the claims be granted. Support for these amendments comes, for example from the discussion in the "Summary of the Invention" section of the specification.

The Examiner rejected claims 1, 2, 4, and 7 to 12 under 35 U.S.C. § 102(b) as anticipated by Hepp (U.S. Patent No. 4,172,459). The Examiner also rejected claim 3 under